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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/695,989	10/30/2003	Hea-Sun Park	P3054/KANG	5663	
7590	02/27/2006		EXAMINER DUNHAM, JASON B		
Peter T. Kwon GWiPS Kangnam P.O. Box 2301 Seoul, 135-242 KOREA, REPUBLIC OF			ART UNIT		PAPER NUMBER
			3625		
			DATE MAILED: 02/27/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/695,989	PARK, HEA-SUN	
	<b>Examiner</b>	<b>Art Unit</b>	
	Jason B. Dunham	3625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on 17 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 4-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 4-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 November 2005 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## DETAILED ACTION

### *Drawings*

New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because of low clarity, it is difficult to decipher the wording of figure 4 and the contents of the viewer in figure 5. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

**Claims 4-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Bae (U.S. Patent No. 6,801,619).**

Referring to claim 4. Bae discloses a remote control system consisting of a consultant's computer for a subject of control, a user's computer for an object of control

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and a relay server for relaying control procedure, the control system using webs and icons for remotely controlling the user's computer comprising:

- An authentication database for managing connecting information of said consultant's computer (Bae: column 6, lines 15-49);
  - A web page for inducing a connection of said user's computer (Bae: abstract);
  - A consultant authentication means for requesting a consultant authentication to connect said relay server and said consultant's computer by transmitting consultant information including an IP address and a service port of said consultant's computer through a packet switching method (Bae: column 6, lines 15-27 & column 10, lines 35-43);
  - Said consultant authentication means consisting of a storing means for storing said consultant information in said authentication database, an informing means for informing an access password being created by the relay server to the consultant at the consultant's computer, and an activating means for activating icons by accessing the password with an ID of said consultant on the web page (Bae: column 6, lines 15-27 & column 10, lines 35-43).
  - An instructing means for instructing usage of the web page and said password to said user (Bae: column 4, lines 18-25);
  - An icon clicking means for clicking an icon that represents said consultant on the web page through a browser of said user's computer (Bae: column 7, lines 1-18).
- The examiner notes Bae discloses selecting an operator by generating a signal,

it is well known in the art to make selections by using a mouse to click on a representation of the desired selection.

- A user information extracting means for extracting said user's connecting information including said IP address of user's computer and said consultant ID included in the icon through the relay server, so that the icon of the consultant on the web page is inactivated by clicking of the user (Bae: column 7, lines 1-18). The examiner notes that Bae discusses connection of the user computer and consultant computer after a consultant has been chosen and the use of visual symbols (Bae: column 4, lines 26-33), or icons, to identify the status of the connection link.
- A user authentication means for authenticating a user to connect said relay server and said user's computer, said user authentication means consisting of a password producing means for producing an iconized symbol of a password input picture by the relay server, an accessing means for accessing said password informed by the consultant to said user's computer, a confirming means for confirming whether said password is correct or not, and a searching means for searching a consultant ID in the authentication database and extracting the connecting information of said consultant's computer when the inputted password is correct (Bae: column 6, lines 15-27).

Referring to claim 5. Bae further discloses a remote control system wherein said user authentication means comprises:

- A generating means for generating a receipt number and informing to the consultant at the consultant's computer through the relay server (Bae: column 9, lines 31-44 & column 10, lines 36-44). The examiner notes that it is assumed that applicant intends the claim to read as to informing the consultant of the receipt number. The examiner further notes that Bae discloses generation of signals to confirm or deny parties in the customer-consultant relationship and furthermore, discloses password authentication, wherein it is commonly known in the art to generate a secondary password, or receipt number, to be confirmed by both parties.
- A transmitting means for transmitting said receipt number including a password input picture to the user's computer through the relay server (Bae: column 9, lines 31-44);
- A confirming means for confirming whether the receipt number is correct (Bae: column 10, lines 36-44).
- A relay requesting means for requesting to relay the consultant's computer and user's computer through the relay server when the input receipt number is correct (Bae: column 7, lines 1-18).

Referring to claim 6. Bae further discloses a remote control system comprising a viewer for displaying on a screen of the consultant's computer, said viewer is a program displaying an image data received from the user's computer, so that the consultant can remotely control the screen of the user's computer (Bae: column 4, line 66 – column 5, line 10).

***Response to Arguments***

Applicant's amendment to the claims on November 17<sup>th</sup>, 2005 is noted, claims 1-3 have been canceled and claims 4-6 have been added, therefore claims 4-6 are pending.

Applicant's arguments filed November 17<sup>th</sup>, 2005 with respect to the pending claims are persuasive and the rejection has been vacated. The 103(a) rejections have been vacated, however the examiner notes that upon further review Bae discloses all of the features of the pending claims as noted above in the 102(e) rejection and discussed below.

The Attorney argues that Bae does not disclose, "a user authentication means...including a password producing means for producing an iconized symbol of a password input picture by the relay server". The examiner notes that Bae expressly discloses "a user authentication means" (Bae: column 6, lines 15-27) "including a password producing means for producing an iconized symbol of a password input picture by the relay server" (Bae: column 4, lines 26-33). The examiner further notes that the Huntsman reference was included in the first office action (August 25<sup>th</sup>, 2005) 103(a) rejection as "password input picture" was taken to mean the input of symbols or icons as a password but upon further review, figure 7 of applicant's invention discloses an input window for entering a password consisting of numbers.

The Attorney further argues that Bae does not disclose, "A user information extracting means for extracting said user's connecting information including said IP address of user's computer and said consultant ID included in the icon through the relay

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server, so that the icon of the consultant on the web page is inactivated by clicking of the user". The examiner notes that Bae discloses all of these features as noted above under the 102(e) rejection to claim 4 and performs the same function of gathering user information to allow for connection of the user's computer and consultant's computer over the internet. The examiner further notes that Bae discloses a system for "providing customer service over the internet via **remote browser control**, text communication, and two-way audio/ one-way video link".

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason B. Dunham whose telephone number is 571-272-8109. The examiner can normally be reached on M-F, 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wynn Coggins can be reached on 571-272-7159. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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A handwritten signature in black ink, appearing to be 'JBD', written in a cursive style.

JBD

Patent Examiner

2/21/06